Department of Public Health Student Success Handbook



Public Health

2018-2019



WILLIAM PATERSON UNIVERSITY

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Introduction

This handbook was developed to help guide you through the Public Health curriculum at William Paterson University. Use it in conjunction with the William Paterson University Undergraduate Catalog as you pursue the Bachelor of Science degree in Health Studies or Public Health.

The handbook contains a great deal of information about our undergraduate programs, including curricular requirements, internship requirements, academic standards, and general expectations about student conduct and performance while enrolled in the major.

It also includes major departmental and university academic policies. Please read the handbook carefully and thoroughly.

You are responsible for knowing its contents as you work toward fulfilling the baccalaureate degree requirements of your program of study.

If you do not understand something in the handbook, ask your advisor or any public health faculty member for an explanation. They will be happy to help.





DEPARTMENT OF PUBLIC HEALTH
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973.720.2394 FAX 973.720.2215 • WWW.WPUNJ.EDU

Dear Student,

Welcome to the 2018-2019 academic year!

We are pleased that you have decided to pursue your education in our exciting and growing field of undergraduate study that was highlighted as a "hot field" to watch by the *Washington Post* and listed as one of the five fastest growing undergraduate majors by the *Chronicle of Higher Education*.

This handbook was developed to assist you in navigating your way through your studies in the Department of Public Health. It includes important information that serves as an "orientation" to our department and to your major area of study.

Our department offers two undergraduate programs, a BS in Public Health and a BS in Health Studies. Our faculty are distinguished educators, researchers, authors, and public health leaders who take pride in their relationships with our students. Since our major courses are small, you will get to know the faculty and they will get to know you.

As chairperson of our department, I take a personal interest in your academic success. As you move through this academic year, please let me know how I can assist you in achieving your academic goals.

Again, welcome to the Department of Public Health at WPU.

Dr. William D. Kernan, EdD, MPA, MCHES

Professor and Chairperson

ABOUT THE DEPARTMENT OF PUBLIC HEALTH

Structure of the University and the College of Science and Health

William Paterson is a university with its academic departments grouped into five colleges, each administered by a dean and an associate dean.

The Department of Public Health is in the College of Science and Health, along with the departments of Biology, Chemistry, Communication Disorders, Computer Science, Environmental Science, Kinesiology, Mathematics, Nursing, and Physics.

Although organized under one roof administratively, the ten departments of the College of Science and Health are physically located in three buildings.

University Hall (*below*) is the home of Communication Disorders, Nursing, and Public Health. The Kinesiology Department is nearby in Wightman Gym. Biology, Chemistry, Computer Science, Environmental Science, Mathematics, and Physics are in the Science Building.



The University President is Dr. Richard Helldobler. The Acting Provost and Vice President of Academic Affairs is Dr. Sandra DeYoung. The Associate Provost for Academic Affairs is Dr. Sandra Hill. Danielle Liautaud-Watkins, JD, is the Associate Provost for Academic Development and Dr. Jonathan Lincoln, is the Associate Provost for Curriculum and International Affairs.

The Dean of the College of Science and Health is Dr. Venkat Sharma and the Associate Dean is Dr. Jean Fuller-Stanley. Their offices are located in the Science Building.

The Department of Public Health

Originally founded in 1973 as the Department of Health Science, today the Department of Public Health is a vibrant, high-quality academic division that embraces the mission of William Paterson University.

Department Mission: To strive for lifelong learning, excellence, diversity and community. The Department is committed to preparing students to understand and critically analyze public health issues, to appreciate the importance of health disparities, and to understand the local, national and global dimensions of public health issues. The Department is committed to fostering intellectual curiosity and creativity in problem solving to effectively address public health challenges in communities and populations. The Department aims to provide a foundation of core health knowledge enhanced by interdisciplinary study to promote health at all levels for all people.

The major objectives of the department are:

- 1. To provide undergraduate training in public health.
- 2. To provide undergraduate professional preparation in public health education.
- 3. To provide educational preparation for careers in a variety of health services related industries and agencies.
- 4. To support research and scholarship by the faculty and students of the department.
- 5. To support student well-being through participation in the University Core Curriculum program.
- 6. To provide professional preparation for certification in health for physical education majors.
- 7. To provide service courses for other disciplines.

Program Accreditation



The Bachelor of Science in Public Health is a fully accredited standalone undergraduate public health program, one of only a handful in existence. Program accreditation is through the Council on Education for Public Health (CEPH), an independent agency recognized by the U.S. Department of Education to accredit schools of public health and public health programs outside schools of public health. This specialized accreditation attests to the quality of an educational program that prepares for entry into a recognized profession.

Department of Public Health Faculty & Staff

The Department of Public Health is presently comprised of nine full-time faculty, an internship site coordinator, thirty-four adjunct faculty, and an administrative assistant.

The faculty and staff are:

Full Professors

Dr. Corey Basch (on sabbatical 2018-19)

Dr. Michele Grodner

Dr. William Kernan

Dr. Jean Levitan

Associate Professor

Dr. Marianne Sullivan (on sabbatical 2018-19)

Assistant Professors

Dr. Lama Chaddad (1-year contract 2018-19)

Dr. Alex Kecojevic

Dr. Zoe Meleo-Erwin

Dr. Naa-Solo Tettey

Internship Site Coordinator

Christie Jaime

Administrative Assistant

Geri Suppa

Adjunct Faculty:

Rebecca Abenante

Anita Altonjoy*

Liz Amaya-Fernandez

Dr. Jocelyn Apicello

Alyssa Berdnik*

Dr. Richard Blonna (Professor Emeritus)

Beverly Brevard*

Samantha Bunsa*

Miralda Charles

Dr. Jill Chasse*

Judith Francis

Erin-Leigh Gallop-Ponamgi*

Lisa Gulla

Dr. Charlene Gungil

Pat Hardin

Jodi Inglis

Dana Jacko

Rose Jean-Baptiste

Ryan McKee

Marilyn McSpiritt-Guzio

Dr. Jonathan Moss

Donna Puglia*

Aimee Puluso

Laurie Schlussel

Jamie Sclafane

Dr. Tekeyah Sears

Arlene Stoller

Iesha Suber

Stephanie Talmadge

Blythe Ulrich*

Veronica Uzoebo

Maryann Walsh

Kathy Werheim

^{*} New to the department in F18

Full-Time Faculty Profiles

Corey Basch, EdD, MPH, CHES, Professor

Dr. Basch holds master's degrees in nutrition education, communication and education, and cognition and learning as well as a doctorate focusing on health and humanities all from Columbia University. In addition, she holds a master's degree in public health from the University of Massachusetts- Amherst. Dr. Basch completed postdoctoral training in the Department of Epidemiology at Columbia University with a specialization in cancer-related population science. Dr. Basch teaches Health Research Methods I and II, Concepts and Issues of Aging, Health Communication Methods, Popular Literature in Public Health, and Healthy U.

Lama Chaddad, MD, MPH, Assistant Professor

Dr. Chaddad is a pediatric physician with a Master's Degree in Preventative Medicine and Public Health (MPH) from the University of Medicine and Dentistry of New Jersey (UMDNJ). Dr. Chaddad's has worked professionally as an Epidemiologist for the Sussex County Department of Health and as a Biostatistician for several public health consulting firms. Dr. Chaddad teaches Human Disease, Epidemiology, and Health Research Methods I & II.

Michele Grodner, EdD, CHES, Professor

Dr. Grodner holds master's degrees in community nutrition, and nutrition education as well as a doctorate in family and community education all from Teachers College, Columbia University. She is a certified health education specialist whose interests and expertise are cultural, societal and psychological factors affecting food choices. Dr. Grodner is the lead author with Dr. Sylvia Escott-Stump of *Nutritional foundations and clinical applications: A nursing approach* now in its 6th edition. Dr. Grodner teaches Nutrition, Lifespan Nutrition, Food and Social Issues, Stress Management, and Health Care in the U.S.

Alex Kecojevic, DrPH, MPH, Assistant Professor

Dr. Kecojevic received a DrPH from the Drexel University School of Public Health, an MPH from the Johns Hopkins School of Public Health, and an undergraduate degree in Biology from the University of Western Ontario in Canada. He is a public health researcher who combines quantitative and qualitative research methods to study substance use, LGBT health, high-risk youth, and HIV/AIDS. Dr. Kecojevic teaches Health Research Methods I and II, Drugs and Health, Introduction to Public Health, LGBTQ Health, Human Sexuality, and HealthyU.

William Kernan, EdD, MPA, MCHES, Professor and Department Chairperson

Dr. Kernan holds master's degrees in public health administration and health education as well as a doctorate in health education from Columbia University. Dr. Kernan is a master certified health education specialist with expertise in substance abuse prevention and graduate student health. As a former Peace Corps volunteer and United Nations staff member, he also has a special interest in global health, culture, and food systems. Dr. Kernan teaches Program Planning, Global Health Issues, Food and Community, Stress Management, Cultural Dimensions of Health, and the Internship courses in Public Health and Health Education.

Jean Levitan, PhD, Professor

Dr. Levitan received both her masters and doctoral degrees from New York University in health education with a specialization in human sexuality. Her interests and expertise are in women's health and sexuality education. She is an affiliated faculty member in the Women's and Gender Studies Department. Dr. Levitan teaches Human Sexuality, Women's Health, Reproductive Rights, Health Care in the U.S., and HealthyU.

Zoe Meleo-Erwin, PhD, MA, Assistant Professor

Dr. Meleo-Erwin holds master's degrees in social ecology from Goddard College, sociology from Temple University, and disability studies from the City University of New York School of Professional Studies as well as a doctorate in sociology from the Graduate Center of the City University of New York. Her research interests include health disparities, structural determinants of health, weight-based stigma, food-based health movements, and decision making around vaccination. She teaches Health Research Methods I, Public Health Practice, Cultural Dimensions of Health, Disparities in Health, and Stress Management.

Marianne Sullivan, DrPH, MPH, Associate Professor

Dr. Sullivan holds a doctorate in public health from Columbia University and a master's in public health from the University of California – Berkeley. Her area of interest is epidemiology and environmental health. She is a past Department of Environmental Protection STAR Fellow. Dr. Sullivan teaches Environmental Health, Epidemiology, and Introduction to Public Health.

Naa-Solo Tettey, EdD, MPH, MCHES, CPH, Assistant Professor

Dr. Tettey holds master's degrees in psychology and education, health care administration, and public health, as well as a doctorate in health and behavior studies with a concentration in health education from Columbia University. Dr. Tettey is a master certified health education specialist, certified in public health, and an ACSM certified wellness coach. Her interests and

expertise are in health disparities, complementary and alternative health, faith-based health education, and the use of social media and the internet as health promotion tools. Dr. Tettey teaches Principles of Behavior Change, Disparities in Health, Health Administration, and HealthyU.

Staff Profiles

Christie Jaime, MA, CHES, Internship Site Coordinator

Professor Jaime earned her master's degree in health education from Montclair State University and her bachelor's degree in health education from William Paterson University. As a health educator she has many years of experience in a variety of public health settings, as well as higher education teaching experience. Professor Jaime coordinates internship site placements and oversees interns in the field.

Geraldine Suppa, Administrative Assistant

Ms. Suppa supports the administrative functioning of the department in addition to assisting both faculty and students. She is available Monday – Friday from 8 am to 4 pm unless otherwise posted. Ms. Suppa also manages the chairperson's calendar and makes all appointments for the chairperson.

Academic Advising

The Department of Public Health has a well-established, student-centered academic advising system that takes a holistic approach. Faculty advisors provide advice and guidance on career planning, networking, and other matters of importance to students, in addition to academic issues.

Upon acceptance into the major, each student meets with the chairperson of the department to discuss the major program and to develop the initial academic plan. Copies of all advisement materials are given to the student for use at subsequent meetings with the faculty advisor.

Each student is assigned a faculty advisor who will work with students on an individual basis at least once a semester, more often if needed and/or requested by the student. Advisors provide students with assistance in planning course work to ensure that graduation requirement are met.

The chairperson oversees all departmental advising and works closely with individual faculty advisors to ensure that our students are working toward a timely completion of their degree.

The faculty in the Department of Public Health recognize the importance of compatibility of the faculty member and the student in an advisor/advisee relationship. Students are encouraged to request a change of advisor if they so choose. This request is made by contacting the chairperson.

It is the student's responsibility to contact his/her advisor at least once each semester prior to registration for the following semester.

Alternate PIN numbers required for registration will not be issued via email or over the phone. Each student must meet with his/her advisor or the chairperson for course advisement and to receive the PIN.

Academic Advisors for the 2018-2019 academic year are: Dr. Michele Grodner, Dr. Alex Kecojevic, Dr. Jean Levitan, Dr. Meleo-Erwin, and Dr. Naa-Solo Tettey

ACADEMIC DEGREE PROGRAMS IN THE DEPARTMENT OF PUBLIC HEALTH

The Department of Public Health offers several academic programs. Students wishing to declare a major in the department may choose from the BS in Health Studies or the BS in Public Health, which offers two tracks – the general track and the health education track. Information about each of these degree programs is presented on the following pages.

Departmental admission requirements

In order to be admitted to the majors within the Department of Public Health, students must have a cumulative Grade Point Average (GPA) of at least a 2.0 and take and pass (with a C- or better; C or better if transferring credit from another institution) the following courses (or equivalent transfer course):

- Anatomy and Physiology Course Requirement
 - o BIO 1140: Applied Anatomy & Physiology, or
 - BIO 1120 & 1130: General Anatomy & Physiology 1 & 2, or
 - BIO 1180 & 1190: Basic Anatomy & Physiology 1 & 2, or
 - o BIO 1200: Human Biology
- Statistics Course Requirement
 - o MATH 1300: Elementary Statistics, or
 - o MATH 2300: Statistics I
- Basic Health Course Requirement
 - o PBHL 1100: Healthy U, or
 - PBHL 1300: Healthy Living After 30

Upon acceptance into the department, students are required to meet with the department chairperson to review previous course work that may be applicable to their major, and to develop their individualized academic plan.

General degree requirements

In order to qualify for graduation, all students must complete a minimum of 120 credits of coursework in the following areas: major courses, co-requirements, University Core Curriculum, foreign language, and free electives.

Students sometimes accrue more than the required number of credits needed for graduation. This happens as a result of transferring from another institution, changing majors while at William Paterson University, adding a minor, course failure, or because of an error from not seeking or following advisement recommendations in course selection.

Academic Standards for the BS in Health Studies

The academic standards for the BS in Health Studies are the same standards as described in the Undergraduate Student Handbook.

Academic Standards for the BS in Public Health

Due to certification and accreditation requirements, the academic standards for students enrolled in the BS in Public Health degree program are different than those described in the Undergraduate Student Handbook.

Departmental probation

Students earning less than a C grade in a PBHL major core course, PBHL major track course, PBHL major elective course, or major co-required course will be placed on departmental probation. Students on departmental probation must repeat the course in which a grade less than C is earned until they receive a C or better in that course.

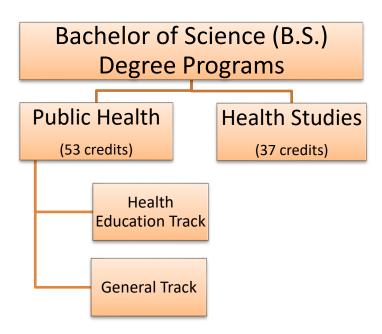
Progression in the major

Students on departmental probation for a grade less than C in a pre-requisite course will not be permitted to progress to the next level course as follows:

- PBHL 3000 Introduction to Public Health will not progress to:
 - o PBHL 3400 Environmental Health
 - o PBHL 4000 Epidemiology
- PBHL 3010 Principles of Behavior Change will not progress to:
 - o PBHL 3610 Health Communication Methods
- PBHL 3020 Health Care in the US will not progress to:
 - o PBHL 4500 Health Administration
- PBHL 3040 Health Research Methods I will not progress to:
 - PBHL 3042 Health Research Methods II
- PBHL 3042 Health Research Methods II will not progress to:
 - PBHL 4301 Public Health Practice
 - PBHL 4500 Health Administration
 - PBHL 4610 Program Planning
 - PBHL 4710 Health Education Management
- PBHL 3610 Health Communication Methods will not progress to:
 - PBHL 4610 Program Planning
 - o PBHL 4710 Health Education Management
- Any course required for the PBHL program, will not progress to:
 - o PBHL 4972 Internship in Public Health
 - o PBHL 4973 Internship in Health Education

Selecting the Best Degree Program for Your Interests at WPUNJ

As stated previously, the Department of Public Health offers two degree programs that lead to a Bachelor of Science degree. Specific details about these programs are found on the *Fact Sheets* which appear later in this handbook. These degree programs include:



While there are many distinctions between these two degree programs, the chart and summary below describe some of the more important differences:

Distinctions between the BS in Public Health and the BS in Health Studies

BS in Public Health	BS in Health Studies
Focused on <i>Populations</i>	Focused on <i>Individuals</i>
Focused on the Study of Health in the	Focused on the Study of Health in the
Context of Groups & Communities	Context of the Individual Human Body
Focused on Prevention & Health Promotion	Focused on Health and Wellness for
for Individuals, Groups & Communities	Individuals only
53-credits of major coursework	37-credits of major coursework
Minimum grade of C in all major courses	Minimum grade of D in all major courses
Career-preparatory	Not career-preparatory

Career Pathways for Undergraduate Students

Many students ask, "What can I do with this major?" or "What sort of career does this major prepare me for?" While a bachelor's degree in any undergraduate major is never a guarantee of future employment, it is important to understand one fundamental difference between these two health-related degree programs:

- The BS in Public Health is designed to allow students to explore the various career pathways in the fields of public, community, and population health,
- The BS in Health Studies, however, does not involve career exploration, nor does it lead to any identifiable job titles, as the Public Health degree does.

Careers & the Public Health Degree	Careers & the Health Studies Degree
✓ Required internship experience	X No internship experience
 Certification opportunities are available 	X No certification opportunities available
Major coursework includes career	X Major coursework does not include
exploration and development	career exploration or development
Major coursework allows students to	Major coursework allows students to
pursue graduate education	pursue graduate education

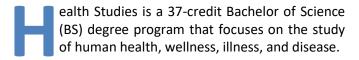
<u>Careers in Public Health</u>: "Public health careers offer something for everyone. Epidemiology and biostatistics involve mathematics and modeling. Environmental health includes a wide range of science skills. Health administration incorporates business and management skills. Health education involves skills required to develop community-wide prevention programs. Health policy includes an understanding of law-making processes. Perhaps never has there been a more exciting time to pursue a career in public health. Why? Because....

- Most experts agree that major advances in improvement of health over the next decades will not come from new medical findings or cures, but rather the broader development and application of populationbased prevention programs.
- Health services delivery systems are undergoing rapid change. Greater emphasis is being placed on health
 promotion and disease prevention as a means to reduce the costs of care by improving the health of our
 populations. These changes have created a broad array of new opportunities for professionals with
 advanced training in public health.
- As the public has become better informed about the effects of toxic wastes and pollutants on their health, greater emphasis is being placed on assuring the safety of our communities as well as worker health and safety. As a result, there is growing demand for experts in environmental health and industrial hygiene.
- Public health research is focusing more on women's health, and child and substance abuse, and an
 increased emphasis is being placed on behavioral change to prevent the risk of STDs, HIV/AIDS,
 tuberculosis, and unplanned pregnancies. Greater emphasis is also being placed on school health and the
 health of minority and disadvantaged populations." Retrieved on 8/24/2016 from
 http://www.whatispublichealth.org/careers/index.html

See more about the Core Areas of Public Health in Appendix G.



Bachelor of Science (BS) **Health Studies**



The Health Studies program is a general program for those who want to learn more about health and wellness, but who do not wish to pursue preparation in a specific health profession such as public health, health education, or nursing. The BS in Health Studies is not a career-preparatory degree.

Program Overview

The BS in Health Studies is a general program that prepares students with the health knowledge and skills necessary to understand and navigate the US healthcare system, to be an informed consumer of health information, and to critically assess personal health behavior, health status, and associated health risks.

The BS in Health Studies was developed to allow for the declaration of a minor field of study and students who select the Health Studies major are strongly encouraged to complete a minor to complement the major.

Program Objectives

Students in the Health Studies program will:

- Explore concepts of human health and disease, nutrition, sexuality, aging, and substance use.
- Examine individual health behaviors, their relation to the development of disease, and their role in the protection of health.
- Develop health research literacy skills.
- Explore the organization, financing, management, and dynamics of the US healthcare system.
- Explore the role of culture in health behavior and decision-making.

Do You Want More Information?

Contact the department at 973-720-2394 to schedule an appointment to discuss your academic plans. We are happy to meet with you about your educational goals.

Is Health Studies Right for You?

The Health Studies program is a general health-related degree. As such, the Health Studies degree does not prepare a student for a specific career pathway or workplace setting. The program is specifically aimed at students who:

- ✓ Have completed AAS in an Allied Health discipline (dental hygiene, radiation technology, respiratory therapy, ect...) and wish to earn a bachelor's degree to complement their current career.
- Are seeking advancement at their current place of employment in the health/health care industry.
- ✓ Want a foundation in the study of human health before pursuing additional graduate training in clinical health science professions (best when combined with a major or minor in biology, chemistry, or other program under advisement).
- Are interested in personal health and wellness, but who do not want to pursue professional preparation in public health or related careers.
- ✓ Want to enroll in a health-related degreecompletion program that will lead to timely graduation from the university.

Health Studies Majors will Learn to:

- Critically review research methodology, data, and recommendations.
- Locate valid sources of health and disease information.
- Analyze the factors that contribute to the major causes of morbidity and mortality in the United States.
- Describe the organization and administration of health care in the United States.
- Investigate and critically assess physical, social, emotional, and intellectual factors influencing health behaviors.
- Critically discuss the relationship between culture and health.

Bachelor of Science in Health Studies (updated June 2018)

Admissions Re	equirements: (all of the following courses with a	grade	of C- or b	petter; C or better if transferred)
BIO 1140	Applied Anatomy & Physiology (or BIO 1120	& 1130	; or BIO	1180 & 1190; or BIO 1200)
MATH 1300	Elementary Statistics (or MATH 2300)			
PBHL 1100	Healthy U (or PBHL 1200 or PBHL 1300)			
Core Courses:	24 credits	CR	UCC	Prerequisite Courses and Restrictions
PBHL 2150	Drugs and Health	3	-	none
PBHL 2210	Nutrition	3	-	none
PBHL 2700	Concepts and Issues of Aging	3	-	none
PBHL 2900	Human Sexuality	3	-	none
PBHL 3020	Health Care in the United States*	3	-	none
PBHL 3040	Health Research Methods I*	3	WI	MATH 1300; Fall only
PBHL 4300	Counseling Skills for Health Professionals*	3	-	none
PBHL 4950	Cultural Dimensions of Health*	3	WI	none
Elective Cours	es: 6 credits (select two of the following)	CR	UCC	Prerequisite Courses and Restrictions
PBHL 2100	Women's Health	3	-	none
PBHL 2200	Stress Management	3	-	none
PBHL 2920	LGBTQ Health	3	-	none
PBHL 2950	Disparities in Health	3	UCC 4	none
PBHL 3110	Global Health Issues	3	UCC 6	none
PBHL 3120	Ethics in Public Health	3	-	none
PBHL 3130	Violence as a Public Health Issue	3	-	none
PBHL 3140	Reproductive Rights	3	UCC 5	none
PBHL 3150	Food and Community	3	UCC 5	none
PBHL 3170	Popular Literature in Public Health	3	WI	none
PBHL 3180	Tobacco as a Public Health Issue	3	UCC 5	none
PBHL 3190	Disability and Public Health	3	TI	none
PBHL 3210	Lifespan Nutrition	3	-	none
PBHL 3220	Food and Social Issues	3	-	none
PBHL 3750	Human Disease*	3	-	PBHL 1100 & BIO 1140
PBHL 4500	Health Administration*	3	-	PBHL 3020
PBHL 4900	Practicum in Health Studies*	3	-	none
Co-Requireme	ents: 7 credits	CR	UCC	University Core Curriculum (UCC) Courses
CS 2010	Computer and Information Technology	3	TI	
	following lab science courses:			WI = Writing Intensive
BIO 1300 BIO 1700	Field Biology Basic Microbiology	4 4	-	TI = Technology Intensive UCC 4 = Diversity & Social Justice
CHEM 1310	College Chemistry	4	-	UCC 5 = Community & Civic Engagement
ENV 1100	Environmental Sustainability	4	-	UCC 6 = Global Awareness
PHYS 1100	Introduction to Physics	4	-	

^{*} Courses marked with an asterisk (*) are open to declared Health Studies majors only.



Bachelor of Science (BS) Public Health General Track

ublic health as a field of study encompasses many academic disciplines – therefore careers in public health have something to offer to everyone.

The combined efforts of public health professionals make our world a safer place in which individuals live, work, and thrive.

Is the General Track Right for You?

The Bachelor of Science (B.S.) Public Health General track is a good choice for students who do not wish to pursue a professional credential at the undergraduate level, but who:

- ✓ Want broad exposure to an exciting and growing field.
- Want to complete an internship at a public health agency to gain practical experience in the field of public health and begin making professional connections.
- Want to focus their studies in a specialty area such as environmental health, public health research, global health, sexual health, public health nutrition, or the health aspects of social services.
- Want to pursue graduate education in epidemiology, biostatistics, health administration, environmental health, or a related public health discipline.

The BS in Public Health

The BS in Public Health prepares students with knowledge of public health practice, principles and methods, and the skills necessary to utilize these to improve the health of the public.



The BS in Public Health at WPU is an internationally recognized high-quality undergraduate public health program fully accredited by the Council on Education for Public Health (CEPH).

The goal of the BS in Public Health is to prepare public health generalists with the skills and knowledge necessary to function effectively from a public health perspective.

Do You Want More Information?

Contact the department at 973-720-2394 to schedule an appointment to discuss your academic plans. We are happy to meet with you about your educational goals.

Program Overview

Designed to be completed in a minimum of four full-length semesters, students who major in Public Health take a variety of courses covering the core areas of public health, including behavioral sciences, health care systems, health research methods, environmental health, epidemiology, and public health practice.

All Public Health majors complete 53 credits in the major, including a specialized "track" that allows for further exploration of the field – either the General track or the Health Education track.

The **Public Health General track** prepares students as public health generalists. In addition to instruction in the core areas of public health, the General track allows students to select from a variety of elective courses to construct an educational program that meets their specific needs and interests.

Working closely with an academic advisor, students may focus their elective course choices in several specialized areas or may select a variety of elective offerings to explore several different areas of public health. Students further explore their interests in the field of public health through the completion of a 6-credit, 240-hour internship during their final semester of study. The general track, however, does not prepare students for eligibility for any public health certifications or licensures.

Careers in Public Health

With a Bachelor's Degree in Public Health – General track, students may pursue a variety of career and graduate education opportunities. While there are many sub-fields within the field of public health, potential career pathways include environmental health, substance abuse prevention, health services research, and health management, to name a few. Students who pursue graduate education in public health can pursue careers in fields such as epidemiology or health administration.

To learn what graduates from our program have achieved, visit our website and click on "Alumni Profiles."

For additional detailed information on careers in Public Health, consult the following publications available on our website: "You Can Make a Difference: Pursue a Career in Public Health" and "Reach for a Career in Public Health."

Bachelor of Science in Public Health – General Track (updated June 2018)

Admissions Requirements: (all of the following courses with a grade of C- or better)						
BIO 1140 Applied Anatomy & Physiology (or BIO 1120 & 1130; or BIO 1180 & 1190; or BIO 1200)						
MATH 1300 Elementary Statistics (or MATH 2300)						
PBHL 1100 Healthy U (or PBHL 1200 or PBHL 1300)						
Core Courses:	24 credits	CR	UCC	Prerequisite Courses and Restrictions		
PBHL 2950	Disparities in Health	3	UCC 4	none		
PBHL 3000	Introduction to Public Health	3	-	none		
PBHL 3020	Health Care in the United States*	3	-	none		
PBHL 3040	Health Research Methods I* (fall only)	3	WI	MATH 1300		
PBHL 3042	Health Research Methods II* (spring only)	3	TI	PBHL 3040		
PBHL 3110	Global Health Issues	3	UCC 6	none		
PBHL 3400	Environmental Health*	3	-	PBHL 3000		
PBHL 4000	Epidemiology*	3	-	PBHL 3000		
General Track	Courses: 10 credits	CR	UCC	Prerequisite Courses and Restrictions		
PBHL 4301	Public Health Practice* (fall only)	3	TI	PBHL 3042		
PBHL 4962	Introduction to Internship in PBHL* (fall only)	1	-	PBHL 3042; Senior status		
PBHL 4972	Internship in Public Health* (spring only)	C or better in all major and co-req courses				
Major Electives: 15 credits (choose five of the following)						
PBHL 2100	Women's Health	PBHI	3150	Food and Community (UCC 5)		
PBHL 2150	Drugs and Health	PBHI	3170	Popular Literature in Public Health (UCC WI)		
PBHL 2200	Stress Management	PBHI	3180	Tobacco as a Public Health Issue (UCC 5)		
PBHL 2210	Nutrition	PBHI	3190	Disability and Public Health (UCC TI)		
PBHL 2700	Concepts and Issues of Aging	PBHI	3210	Lifespan Nutrition		
PBHL 2900	Human Sexuality	PBHI	3220	Food and Social Issues		
PBHL 2920	LGBTQ Health	PBHI	3750	Human Disease* (PBHL 1100 & BIO 1140)		
PBHL 3120	Ethics in Public Health	PBHI	4300	Counseling Skills for Health Professionals*		
PBHL 3130	Violence as a Public Health Issue	PBHI	4500	Health Administration* (PBHL 3020)		
PBHL 3140	Reproductive Rights (UCC 5)	PBHI	4950	Cultural Dimensions of Health* (UCC WI)		
Co-Requireme	nt: 4 credits (choose one)	CR	Ur	niversity Core Curriculum (UCC) Courses		
BIO 1300	Field Biology	4	WI	= Writing Intensive		
BIO 1700	Basic Microbiology	4	TI	= Technology Intensive		
CHEM 1310	College Chemistry	4	UCC 4	= Diversity & Justice		
ENV 1100	Environmental Sustainability	4	UCC 5	= Community & Civic Engagement		
PHYS 1100	Introduction to Physics	4	UCC 6	= Global Awareness		

^{*} Courses marked with an asterisk (*) are open to declared Public Health majors only.

COURSE SEQUENCING: The BS in Public Health takes a minimum of four semesters to complete, beginning in a fall semester. The courses in the table below must be taken during the semester indicated, as each course serve as a prerequisite for a course in the following semester.

Fall – Semester 1 (Junior Year)	Spring – Semester 2 (Junior Year)
PBHL 3040: Health Research Methods I	PBHL 3042: Health Research Methods II
Fall – Semester 3 (Senior Year)	Spring – Semester 4 (Senior Year)
PBHL 4301: Public Health Practice	PBHL 4972: Internship in Public Health
PBHL 4962: Introduction to Internship	

- In general, the remaining courses in the major may be taken during any fall or spring semester, however...
- All required PBHL courses and major co-requisites must be taken and passed with a C or better before a student may complete the Internship requirement.



Bachelor of Science (BS) Public Health Health Education Track

ublic health as a field of study encompasses many academic disciplines – therefore careers in public health have something to offer to everyone.

The combined efforts of public health professionals make our world a safer place in which individuals live, work, and thrive.

Is the Health Education Track Right for You?

The Bachelor of Science (B.S.) Public Health Education track is a great choice for students who:

- ✓ Want to experience all of the features and benefits of the Public Health – General track program, AND
- Want to be involved in the planning and implementation of programs that improve the health status of individuals and communities.
- Want to complete an internship at a public health agency to gain practical experience in the field of health education and begin making professional connections.
- Want to be eligible to work in a variety of settings, including governmental and non-governmental agencies, hospitals/clinics, and corporate wellness, among others.
- Want the opportunity to become a Certified Health Education Specialist (CHES), an internationally recognized credential indicating competency and a commitment to professional development in the field of health education.

The BS in Public Health

The BS in Public Health prepares students with knowledge of public health practice, principles and methods, and the skills necessary to utilize these to improve the health of the public.



The BS in Public Health at WPU is an internationally recognized high-quality undergraduate public health program fully accredited by the Council on Education for Public Health (CEPH).

The goal of the Health Education Track is to prepare public health educators with the skills and knowledge necessary to function effectively in a health education setting and to attain the Certified Health Education Specialist (CHES) credential.

Do You Want More Information?

Contact the department at 973-720-2394 to schedule an appointment to discuss your academic plans.

Program Overview

Designed to be completed in a minimum of four full-length semesters, students who major in Public Health take a variety of courses covering the core areas of public health, including health care systems, health research methods, environmental health, epidemiology, and public health practice.

All Public Health majors complete 53 credits in the major, including a specialized "track" that allows for further exploration of the field – either the General track or the Health Education track.

The **Health Education track** prepares entry-level health educators who are able to assess, plan, implement, and evaluate a broad range of health promotion and disease prevention programs designed for a community's diverse population. Knowledge of health education is achieved through a multi-disciplinary study of physical and natural sciences, education, psychology, and public health.

Practice-based skills are integral components of our carefully designed program. Students become oriented to the profession of health education through the completion of a 12-credit full-time internship during their final semester, at which time they also take the national certification examination to become a Certified Health Education Specialist (CHES).

Careers in Public Health Education

With a Bachelor's degree in Public Health Education and CHES certification, graduates are eligible to pursue a wide variety of positions in the field of health education. Examples of positions held by graduates of the program include:

- Health educators for governmental departments of health
- HIV/AIDS educators and counselors
- Health educators for family service organizations
- Substance abuse prevention specialists
- Health education coordinators for non-profit agencies such as the American Cancer Society and the American Red Cross
- Health promotion specialists in corporations, employee wellness centers, and managed care organizations
- Health education coordinators for hospitals and nursing homes

Furthermore, graduates of the Health Education track are eligible to pursue the same opportunities in the field of public health for which the General track students are prepared. To learn what graduates from our program have achieved, visit our website and click on "Alumni Profiles."

Bachelor of Science in Public Health – Health Education Track (updated June 2018)

Admissions Requirements: (all of the following courses with a grade of C- or better)							
BIO 1140 Applied Anatomy & Physiology (or BIO 1120 & 1130; or BIO 1180 & 1190; or BIO 1200)							
MATH 1300 Elementary Statistics (or MATH 2300)							
PBHL 1100 Healthy U (or PBHL 1200 or PBHL 1300)							
Core Courses:	24 credits	CR	UCC	Prerequisite Courses and Restrictions			
PBHL 2950	Disparities in Health	3	UCC 4	none			
PBHL 3000	Introduction to Public Health	3	-	none			
PBHL 3020	Health Care in the United States*	3	-	none			
PBHL 3040	Health Research Methods I* (fall only)	3	WI	MATH 1300			
PBHL 3042	Health Research Methods II* (spring only)	3	TI	PBHL 3040			
PBHL 3110	Global Health Issues	obal Health Issues 3 UCC 6 none					
PBHL 3400	Environmental Health* 3 - PBHL 3000						
PBHL 4000							
General Track Courses: 22 credits							
General Track	Courses: 22 credits	CR	UCC*	Prerequisite Courses and Restrictions			
PBHL 3010	Courses: 22 credits Principles of Behavior Change* (fall only)	CR 3	UCC*	Prerequisite Courses and Restrictions PBHL 1100 or PBHL 1300			
				•			
PBHL 3010	Principles of Behavior Change* (fall only)	3	-	PBHL 1100 or PBHL 1300			
PBHL 3010 PBHL 3610	Principles of Behavior Change* (fall only) Health Communication Methods* (spring only)	3	- TI	PBHL 1100 or PBHL 1300 PBHL 3010			
PBHL 3010 PBHL 3610 PBHL 4610	Principles of Behavior Change* (fall only) Health Communication Methods* (spring only) Program Planning* (fall only)	3 3 3	- TI -	PBHL 1100 or PBHL 1300 PBHL 3010 PBHL 3042 and 3610			
PBHL 3010 PBHL 3610 PBHL 4610 PBHL 4710	Principles of Behavior Change* (fall only) Health Communication Methods* (spring only) Program Planning* (fall only) Health Education Management* (fall only)	3 3 3 3	- TI - -	PBHL 1100 or PBHL 1300 PBHL 3010 PBHL 3042 and 3610 PBHL 3042 and 3610			
PBHL 3010 PBHL 3610 PBHL 4610 PBHL 4710 PBHL 4963 PBHL 4973	Principles of Behavior Change* (fall only) Health Communication Methods* (spring only) Program Planning* (fall only) Health Education Management* (fall only) Intro. to Internship in PBHL HED* (fall only) Internship in PBHL HED* (spring only)	3 3 3 1 12	- TI - - -	PBHL 1100 or PBHL 1300 PBHL 3010 PBHL 3042 and 3610 PBHL 3042 and 3610 PBHL 3042; Senior status C or better in all major and co-req courses			
PBHL 3010 PBHL 3610 PBHL 4610 PBHL 4710 PBHL 4963 PBHL 4973 Co-Requirement	Principles of Behavior Change* (fall only) Health Communication Methods* (spring only) Program Planning* (fall only) Health Education Management* (fall only) Intro. to Internship in PBHL HED* (fall only) Internship in PBHL HED* (spring only) nt: 4 credits (choose one)	3 3 3 1 12 CR	- TI - - - - -	PBHL 1100 or PBHL 1300 PBHL 3010 PBHL 3042 and 3610 PBHL 3042 and 3610 PBHL 3042; Senior status C or better in all major and co-req courses			
PBHL 3010 PBHL 3610 PBHL 4610 PBHL 4710 PBHL 4963 PBHL 4973 Co-Requirement	Principles of Behavior Change* (fall only) Health Communication Methods* (spring only) Program Planning* (fall only) Health Education Management* (fall only) Intro. to Internship in PBHL HED* (fall only) Internship in PBHL HED* (spring only) nt: 4 credits (choose one) Field Biology	3 3 3 1 12 CR	- TI - - - - - WI	PBHL 1100 or PBHL 1300 PBHL 3010 PBHL 3042 and 3610 PBHL 3042 and 3610 PBHL 3042; Senior status C or better in all major and co-req courses niversity Core Curriculum (UCC) Courses = Writing Intensive			
PBHL 3010 PBHL 3610 PBHL 4610 PBHL 4710 PBHL 4963 PBHL 4973 Co-Requirement BIO 1300 BIO 1700	Principles of Behavior Change* (fall only) Health Communication Methods* (spring only) Program Planning* (fall only) Health Education Management* (fall only) Intro. to Internship in PBHL HED* (fall only) Internship in PBHL HED* (spring only) nt: 4 credits (choose one) Field Biology Basic Microbiology	3 3 3 1 12 CR 4 4	- TI - - - - WI TI	PBHL 1100 or PBHL 1300 PBHL 3010 PBHL 3042 and 3610 PBHL 3042 and 3610 PBHL 3042; Senior status C or better in all major and co-req courses niversity Core Curriculum (UCC) Courses = Writing Intensive = Technology Intensive			
PBHL 3010 PBHL 3610 PBHL 4610 PBHL 4710 PBHL 4963 PBHL 4973 Co-Requirement BIO 1300 BIO 1700 CHEM 1310	Principles of Behavior Change* (fall only) Health Communication Methods* (spring only) Program Planning* (fall only) Health Education Management* (fall only) Intro. to Internship in PBHL HED* (fall only) Internship in PBHL HED* (spring only) nt: 4 credits (choose one) Field Biology Basic Microbiology College Chemistry	3 3 3 1 12 CR 4 4	- TI - - - - WI TI UCC 4	PBHL 1100 or PBHL 1300 PBHL 3010 PBHL 3042 and 3610 PBHL 3042 and 3610 PBHL 3042; Senior status C or better in all major and co-req courses niversity Core Curriculum (UCC) Courses = Writing Intensive = Technology Intensive = Diversity & Justice			
PBHL 3010 PBHL 3610 PBHL 4610 PBHL 4710 PBHL 4963 PBHL 4973 Co-Requirement BIO 1300 BIO 1700	Principles of Behavior Change* (fall only) Health Communication Methods* (spring only) Program Planning* (fall only) Health Education Management* (fall only) Intro. to Internship in PBHL HED* (fall only) Internship in PBHL HED* (spring only) nt: 4 credits (choose one) Field Biology Basic Microbiology	3 3 3 1 12 CR 4 4	- TI - - - - WI TI	PBHL 1100 or PBHL 1300 PBHL 3010 PBHL 3042 and 3610 PBHL 3042 and 3610 PBHL 3042; Senior status C or better in all major and co-req courses niversity Core Curriculum (UCC) Courses = Writing Intensive = Technology Intensive			

^{*} Courses marked with an asterisk (*) are open to declared Public Health majors only.

COURSE SEQUENCING: The BS in Public Health takes a minimum of four semesters to complete, beginning in a fall semester. The courses in the table below must be taken during the semester indicated, as each course serve as a prerequisite for a course in the following semester.

Fall – Semester 1 (Junior Year)	Spring – Semester 2 (Junior Year)
PBHL 3010: Principles of Behavior Change	PBHL 3042: Health Research Methods II
PBHL 3040: Health Research Methods I	PBHL 3610: Health Communication Methods
Fall – Semester 3 (Senior Year)	Spring – Semester 4 (Senior Year)
PBHL 4610: Program Planning	PBHL 4973: Internship in Public Health Education
PBHL 4710: Health Education Management	CHES Exam (in April)
PBHL 4963: Introduction to Internship in PBHL Education	

- In general, the remaining courses in the major may be taken during any fall or spring semester, however...
- All required PBHL courses and major co-requisites must be taken and passed with a C or better before a student may complete the Internship requirement.



Minor in Health Studies

ealth studies is a broad term used to describe the study of health issues and behaviors with a particulal emphasis on health at the level of the individual.

Why Minor in Health Studies?

The minor in Health Studies is a good choice for students who:

- Want broad exposure to personal health information for self-improvement and general knowledge.
- ✓ Want to explore individual wellness issues as they relate to their major area of study.
- Want to develop the skills to become a more engaged and informed consumer of health-related information.

Program Overview

As our collective understanding of human health is continually evolving, the minor in Health Studies provides students with broad exposure to current and evidence-based content through a variety of personal health courses. Students who minor in Health Studies will explore content in several foundational areas of personal health and well-being, and may select elective courses based on personal interests and needs.

The minor in Health Studies is well suited for students interested in exploring their own health, as well as those students who are interested in careers in the field of health and human services.

Minor in Health Studies

Updated June 2018

Core Course: 3 Credits						
(select one of	the following courses)	CR	UCC			
PBHL 1100	Healthy U	3	Area 1			
PBHL 1200	Current Health Issues	3	Area 1			
PBHL 1300	Healthy Living After 30	3	Area 1			
Elective Cou	urses: 15 Credits					
(select five of	the following courses)	CR	UCC			
PBHL 2100	Women's Health	3	-			
PBHL 2150	Drugs and Health	3	-			
PBHL 2200	Stress Management	3	-			
PBHL 2210	Nutrition	3	-			
PBHL 2700	Concepts & Issues of Aging	3	-			
PBHL 2900	Human Sexuality	3	-			
PBHL 2920	LGBTQ Health	3	-			
PBHL 3140	Reproductive Rights	3	Area 5			
PBHL 3190	Disability & Public Health	3	TI			
PBHL 3210	Lifespan Nutrition	3	-			
PBHL 3220	Food & Social issues	3	-			
PBHL 3750	Human Disease	3	-			

More Information

Admissions requirements: To be admitted to the minor in Health Studies, students must take and pass with the grade of C or better PBHL 1100: Healthy U or PBHL 1200: Current Health Issues or PBHL 1300: Healthy Living after 30.

How to declare the minor: To declare the minor in Health Studies, students must make a request using WPConnect → Students → Academic Services → Request to Add / Declare or Change Minor.

Additional questions: If you have questions about the Health Studies minor, please contact the Department of Public Health at 973-720-2394.



Minor in Public Health

ublic health as a field of study is highly varied and encompasses many academic disciplines — therefore careers in public health have something to offer to everyone. The Association of Schools and Programs of Public Health states that "public health improves the shared conditions and behaviors that affect the health of each and every one of us." The combined efforts of public health professionals make our world a safer place in which individuals live, work, and thrive.

Program Overview

The minor in Public Health introduces students to the core content and functions of the field of Public Health. Students may select from a variety of elective courses to build a program that enhances the student's major area of study and matches the student's personal interests in the health field.

Students selecting the minor in Public Health may choose courses that fulfill University Core Curriculum (UCC) requirements in the following areas:

- Diversity and Social Justice (Area 4)
- Community and Civic Engagement (Area 5)
- Global Awareness (Area 6)
- Writing Intensive

As Public Health in multidisciplinary by nature, the minor in Public Health is well-suited for students from a wide variety of majors.

Why Minor in Public Health?

The minor in Public Health is a good choice for students who:

- Want broad exposure to an exciting and growing field of study relevant to a wide array of work settings and careers.
- Want to explore population-based health issues related to their major area of study.
- Are considering graduate studies in a health-related or human services-related field.

Minor in Public Health

Core Courses (both of the PBHL 3000 PBHL 4000	following courses) Introduction to Public Health	CR 3 3	UCC - -
Additional C	ore Courses: 6-12 credits		
(select at lea	st two of the following courses)	CR	UCC
PBHL 2950	Disparities in Health	3	A4
PBHL 3020	Health Care in the US	3	-
PBHL 3110	Global Health Issues	3	A6
PBHL 3400	Environmental Health	3	-
Elective Cou	rses: 0-6 Credits		
(select up to	two of the following courses)	CR	UCC
PBHL 2700	Concepts and Issues of Aging	3	-
PBHL 3120	Ethics in Public Health	3	-
PBHL 3130	Violence as a PH Issue	3	-
PBHL 3140	Reproductive Rights	3	A5
PBHL 3150	Food and Community	3	A5
PBHL 3170	Popular Lit in Public Health	3	WI
PBHL 3180	Tobacco as a PH Issue	3	A5
PBHL 3190	Disability & Public Health	3	TI
PBHL 3220	Food and Social Issues	3	-
PBHL 4500	Health Administration	3	-
PBHL 4950	Cultural Dimensions of Health	3	WI
Updated June 20	018		

More Information

Admissions requirements: To be admitted to the minor in Public Health, students must take and pass with the grade of C or better PBHL 3000: Introduction to Public Health.

How to declare the minor: To declare the minor in Public Health, students must make a request using WPConnect → Students → Academic Services → Request to Add / Declare or Change Minor.

Additional questions: If you have questions about the Public Health minor, please contact the Department of Public Health at 973-720-2394.

Academic Policies & Related Information

Certified Health Education Specialist (CHES) examination requirement

Certification in health education is attained through an examination administered by the National Commission for Health Education Credentialing, Inc. (NCHEC). The CHES examination is a competency-based tool consisting of 150 multiple-choice questions used to measure possession, application and interpretation of knowledge in the Areas of Responsibility for health educators delineated by *A Competency-Based Framework for Health Educators*.

Taking the CHES Examination is required for all Public Health –Health Education track majors. Successful completion of PBHL 4973 Internship in Public Health Education is based on this criterion. However, passing the exam is not a pre-requisite for passing PBHL 4973.

- If this requirement is not met, and the student's performance otherwise warrants, a grade of "INC" (Incomplete) will be given until the CHES examination is taken.
- The exam is administered twice per year –April and October by the National Commission for Health Education Credentialing, Inc.
- Graduation will be delayed until this requirement is met.

Eligibility Requirements for the CHES Exam include:

- A bachelor's, master's or doctoral degree from an accredited institution of higher education;
 AND one of the following:
- An official transcript (including course titles) that clearly shows a major in health education, e.g.,
 Health Education, Community Health Education, Public Health Education, School Health Education, etc.
 Degree/major must explicitly be in a discipline of "Health Education." OR
- An official transcript that reflects at least 25 semester hours or 37 quarter hours of course work (with a grade "c" or better) with specific preparation addressing the Seven Areas of Responsibility and Competency for Health Education Specialists.

Senior public health education majors at WPUNJ within 90 days of graduation are eligible to sit for the examination based on NCHEC's 90-Day Eligibility Option, which states:

"The 90-day option is offered to students scheduled to graduate within 90 days of an exam date. To qualify for this option, a student must be enrolled in an accredited institution of higher education, and must submit an official transcript showing a minimum of 25 semester hours relating to the Area of Responsibility along with written verification from his/her faculty advisor assuring the student will complete all degree requirements within 90 days of the exam date" (Retrieved on 8/24/2016 from: http://www.nchec.org/ches-exam-eligibility).

For more information about the CHES exam and the National Commission for Health Education Credentialing, Inc. please visit their website at www.nchec.org.

Email communication

Email communication between faculty and students will only be through WPU email addresses, as per University policy.

Grading

The following departmental grading scale is utilized for calculating grades in all PBHL courses. Please note that the C- grade has been eliminated from this scale.

DEPARTMENT OF PUBLIC HEALTH GRADING SCALE

Α	93-100	B+	87-89	B-	80-82	С	70-76	D	60-66
A-	90- 92	В	83-86	C+	77-79	D+	67-69	F	<60

Recording of lectures and class sessions

Student use of any electronic recording device to make electronic recordings of lectures, class discussions or other oral classroom communication is not permitted without written permission from the relevant course instructor(s).

Students with disabilities who are unable to take or read notes and who are requesting recording may make such requests to the Accessibility Resources Center (ARC), not to instructors, by following the procedures provided to students by the ARC. Permission to make recordings will not be withheld if such recordings are reasonably necessary to accommodate a student's disability as defined by law.

For more information on this University policy, see https://www.wpunj.edu/policies/index.html

Reference style

The Department of Public Health has universally adopted the use of the sixth edition of the Publication Manual of the American Psychological Association, commonly referred to as APA style, as the set of citation and attribution guidelines for use in all PBHL courses. An introduction to APA style is provided to all students as part of the core writing intensive course, PBHL 3040 Health Research Methods I. APA style is to be used in all courses where papers or reports are required.

The definitive online resource for APA citation style is found at the Purdue Online Writing Lab (OWL) at https://owl.purdue.edu/.

Textbooks

When deciding how to access/purchase textbooks, students must be aware that several textbooks used in the public health program are used in multiple courses.

Therefore, in some cases, it may be more cost effective to purchase a textbook rather than rent it for 2 or more semesters.

- 1. The textbook used in PBHL 3040 Health Research Methods I is also the same textbook used in PBHL 3042 Health Research Methods II.
- 2. The textbooks used in the following courses will be used for more than one semester AND/OR will be necessary for studying for the CHES Exam:
 - a. PBHL 3010 Principles of Behavior Change
 - b. PBHL 3610 Health Communication Methods
 - c. PBHL 4610 Program Planning
 - d. PBHL 4710 Health Education Management
- 3. All public health education majors must purchase the most recent edition of the Certified Health Education Specialist (CHES) exam study guide, *The Health Education Specialist: A Companion Guide for Professional Excellence*. This must be purchased while enrolled in PBHL 3010. This study guide will be used in all health education coursework. It can be found online at https://www.nchec.org/



Use of electronic devices in the classroom

Unless otherwise instructed, all personal electronic communication devices (cell phones, notebooks, laptops, iPads, etc.) are to be turned off during class.

Internship Requirement – BS in Public Health Program

The internship program for students majoring in Public Health (both tracks) is a supervised experience designed to provide the opportunity for students to apply their academic preparation in a professional work setting. There is no internship requirement for students enrolled in the BS in Health Studies degree program.

The internship experience is a requirement for all Bachelor of Science (B.S.) Public Health degree candidates in the Department of Public Health. The internship is the culmination of the major course of study and is completed after all other major courses and major correquired courses are taken and passed with the minimum required grade in each course.

Interns work for a predetermined number of hours under the supervision of a trained health professional, the Internship Site Supervisor. The objectives of the internship program and the sites at which students complete their internship are consistent with the roles and responsibilities of entry level public health professionals.

Bachelor of Science in Public Health			
General track	Health Education track		
6 college credits	12 college credits		
240 total hours	480 total hours		
(200 hours in field placement +	(440 hours in field placement +		
40 hours of instruction)	40 hours of instruction)		
Spring Semester only	Spring Semester only		

In order for a student to register for the *Internship* course and begin the internship, all of the following criteria must have been met:

- Students must successfully complete the *Introduction to Internship* course, select an internship site, and file all required paperwork by the deadlines announced in class.
- Students must complete all major courses and major co-requirements with a grade of C or better.

The Internship Site Coordinator assists all students in the identification of an appropriate internship site during the Introduction to Internship course that students take the semester before their internship. Internship sites generally are located within a reasonable driving distance from the University (generally up to a 75-90 minute drive).

The objectives of the internship course are to:

- 1. Review the process of conducting a community-based needs assessment
- 2. Explore methodologies for engaging communities in the identification of priority health problems
- 3. Examine community risk and protective factors

The objectives of the internship field placement are to:

- 1. Expose students to the role and responsibilities of an entry level public health practitioner/educator in a public health agency
- 2. Examine the ways in which theoretical concepts are applied to the realities of the field of public health
- 3. Explore strategies for communicating with, and working with, public health professionals
- 4. Provide the opportunity to improve public speaking and audience management skills
- 5. Provide the opportunity for self-reflection regarding career goals and lifelong learning

More detailed information about the Department of Public Health's Internship program is in the Internship Manual posted on the department's website.

Questions about internships should be directed to the department chairperson or the Internship Site Coordinator.

There are several important issues related to the internship requirement that students need to consider before beginning the BS in Public Health degree program. Students should carefully read the **Memorandum of Understanding between the WPUNJ Department of Public Health and the Student** found in Appendix A of this handbook.

Each Public Health major will be asked to review and sign this Memorandum of Understanding (MOU) during one of their initial advising sessions with the department chairperson or their academic advisor.

Any student who refuses to sign this MOU will receive a notation in their departmental record indicating their refusal to sign. Refusal to sign this MOU does not indicate that the student is exempt from the requirements as stated in the MOU.

Standards of Academic Conduct

Academic dishonesty, including plagiarism and all forms of cheating, is taken very seriously at the University and within our Department. The University's Standards of Academic Conduct state:

As an academic institution committed to the discovery and dissemination of truth, William Paterson University expects all members of the University community to conduct themselves honestly and with professional demeanor in all academic activities.

William Paterson University has established standards of academic conduct because of its belief that academic honesty is a matter of individual and University responsibility and that, when standards of honesty are violated, each member of the community is harmed.

All members of the University community are expected to adhere to the Academic Integrity Policy.

Violations of Academic Integrity Violations of the Academic Integrity Policy include, but may not be limited to, the following examples:

<u>Plagiarism</u> is the copying from a book, article, notebook, video, or other source material, whether published or unpublished, without proper credit through the use of quotation marks, footnotes, and other customary means of identifying sources, or passing off as one's own the ideas, words, writings, programs, and experiments of another, whether such actions are intentional or unintentional. Plagiarism also includes submitting, without the consent of the professor, an assignment already tendered for academic credit in another course.

Cheating during examinations includes any attempt to: (1) look at another student's examination with the intention of using another's answers for personal benefit; (2) communicate, in any manner, information concerning the content of the examination during the testing period or after the examination to someone who has not yet taken the examination; (3) use any materials, such as notebooks, notes, textbooks, or other sources, not specifically designated by the professor of the course for student use during the examination period; or (4) engage in any other activity for the purpose of seeking aid not authorized by the professor.

<u>Collusion</u> is working together with another person or persons in preparing separate course assignments in ways not authorized by the instructor. Academic work produced through a cooperative (collaborative) effort of two or more students is permissible only upon the explicit consent of the professor. The collaboration must also be acknowledged in stating the authorship of the report.

Lying is knowingly furnishing false information, distorting or omitting data, failing to provide all necessary, required information to the University advisor, registrar, admissions counselor, or professor, for any academically related purpose.

<u>Other concerns</u> that relate to the Academic Integrity Policy include such issues as breech of personal security, stolen tests, falsified records, and vandalism of library or other materials. No list could possibly include all the possible violations of academic integrity. These examples should, however, give a clearer idea of the intent and extent of application of this policy.

(William Paterson University Undergraduate Handbook)

Examples of academic integrity violations

While not meant to be an exhaustive or complete list, these are some examples of academic integrity violations:

- 1. Cutting and pasting from websites without citing the sources and/or utilizing parentheses to indicate the use of someone else's words.
- 2. Copying verbatim or paraphrasing without citing the source.
- 3. Completing an assignment in a group that was not assigned as a group project and then handing in the results for individual credit.
- 4. Submitting graded work from one class in another class for credit, without the permission of the professor.
- 5. Copying homework from a fellow student.
- 6. Turning in any work that was completed by another person.

Student Recognition – Awards and Honor Societies

Awards for Outstanding Academic Achievement

This award is bestowed upon the graduating seniors with the highest overall GPA in each major. These awards include:

- Outstanding Academic Achievement Award in Health Studies
- Outstanding Academic Achievement Award in Public Health
- Outstanding Academic Achievement Award in Public Health Education

Eta Sigma Gamma Honor Society

Eta Sigma Gamma, Gamma Omega Chapter is the national honor society in Public Health Education. Its purpose is to further the professional commitment of health education practitioners through teaching, research and service. Induction into Eta Sigma Gamma is by invitation only. Criteria for induction includes: enrolment in the BS in Public Health, Health Education track, completion of at least 12 credits of Public Health Education major core courses sustaining a 3.3 major GPA in Public Health Education.

Public Health Honor Roll

As there is currently no national honor society that recognizes outstanding academic achievement for undergraduate Public Health majors, the Public Health Honor Roll was created at William Paterson University to recognize these outstanding students. Inclusion on the Honor Roll is by invitation only. Criteria for inclusion includes: enrollment in the BS in Public Health, General track and a 3.3 major GPA.

Rose Lynn Daniels Award

This award is presented to a student for outstanding service to the Department.

Student Support Services

Academic Support Center

At the Academic Support Center, located in the Lower Level of Raubinger Hall, students receive one-on-one tutoring assistance for numerous lower-level and upper-level courses, as well as for basic skills math and reading courses. Workshops designed to help students develop effective study skills and strategies are frequently offered. From the Center's lab, students may access network computer facilities. Study groups, and exam review sessions are also available.

Accessibility Resource Center

The Accessibility Resource Center (Speert Hall 134) assists students with documented disabilities by providing reasonable accommodations and services that ensures equal access to all programs, activities, and related benefits of the University's educational and professional programs.

- William Paterson University is committed to providing equitable access to learning opportunities to students with documented disabilities (e.g. mental health, attentional, learning, chronic health, sensory, or physical).
- Please contact the Accessibility Resource Center to engage in a confidential conversation about the process for requesting reasonable accommodations in the classroom and clinical settings.
- Students are encouraged to register with the Accessibility Resource Center (ARC) as soon as they enroll, since accommodations cannot be provided retroactively.
- Students are encouraged to notify their faculty members of any accommodation granted by the ARC by providing each faculty member a copy of the official accommodation letter during the first or second week of the semester.

Counseling, Health and Wellness Center

The Counseling, Health and Wellness Center (Overlook South, 1st floor) provides a full range of clinical services for all William Paterson University Students, including preventative and counseling services.

Science Enrichment Center

Located in Science Building, the Science Enrichment Center provides tutorial assistance, references, a Virtual Science Resource Center, laboratory equipment, multimedia, study and other science skill training, workshops, cooperative learning, technological assistance and mentors. This program provides the opportunity for all students, regardless of previous academic background, to excel in science and enables science professors to maintain high academic standards in their courses.

<u>Starfish – Early Alert Program</u>

The Starfish Early Alert Program was developed to enable the Academic Support Center to reach out to students who are struggling academically, financially, and/or possibly emotionally. A student is placed on Early Alert by the professor before the end of the 10th week of the semester.

Women's Center

The Women's Center of William Paterson University was founded in 1993 to bring visibility to issues affecting women on campus, coordinate and facilitate access to resources relevant to women's issues, promote the integration of women's issues into campus culture and discourse, and advocate for the removal of barriers that inhibit the full participation of women in the University community. The Women's Center has a Campus Victims Counselor available to address issues of sexual assault and battery.

Writing Center

The Writing Center provides one-on-one tutoring for any WPU student working on any kind of writing in any stage of development. They work with students on writing issues such as outlining, thesis clarification, organization, style, transitions, citing, and grammar, and we help them learn how to edit and proofread their own writing. Their aim is not just to produce a better piece of writing; it's to produce a better writer. Students can make an appointment at online or stop by Preakness Hall 124 or VR 3048.

For more information...

Additional detailed information about the Department of Public Health, including general public health resources and career information is located on the department's website. You may always contact the chairperson, your advisor, or other faculty within the department with your questions or concerns.

APPENDIX A: STUDENT – DEPARTMENT MEMORANDUM OF UNDERSTANDING



DEPARTMENT OF PUBLIC HEALTH 300 POMPTON ROAD • WAYNE, NEW JERSEY 07470-2103 973.720.2394 FAX 973.720.2215 • WWW.WPUNJ.EDU

Memorandum of Understanding Between The WPUNJ Department of Public Health and

Student Name:			

1. As a Public Health major, I understand that I must meet the minimum academic standards for the Public Health major and:

- ✓ I must earn a minimum grade of C in all PBHL major courses, PBHL major elective courses, and major co-requirement courses before I may register for the internship course, PBHL 4972 or PBHL 4973.
- ✓ I must use the latest version of the American Psychological Association (APA) formatting and style guide in all PBHL courses when references are indicated or necessary.
- ✓ I must abide by the University Academic Integrity policy as published in the Undergraduate Student Catalog, and that failure to do so will result in a permanent notation in my departmental academic record, as well as any course-related consequences levied by the course instructor.

2. As a Public Health major, I understand that I must complete an internship and:

- ✓ That public health internships occur during spring semesters only.
- ✓ I, as a general-track major, must complete a 6-credit, 240-hour, unpaid internship, which is roughly equivalent to 16 hours per week OR I, as a health education track major, must complete a 12-credit, 480-hour, unpaid internship, which is roughly equivalent to 32 hours per week.
- ✓ I must complete all required paperwork by the stated deadlines in order to register for an internship.
- ✓ The internship must take priority over other coursework, outside employment, or other obligations during the semester in which I am enrolled in the internship course. Furthermore, I understand that it may be difficult or impossible to sustain full-time or part-time employment during my internship semester.
- ✓ Internship hours generally occur during normal working hours (8:00 am to 5:00 pm, Monday Friday) and that internship sites do not offer evening or weekend options
- ✓ My internship site may require the following from me, and that I am responsible for any related fees, and that failure to provide documentation that is satisfactory to the University and the internship site may prevent me from completing an internship. These include:
 - Immunizations/immunization records
- o A negative drug screening result

A physical exam/health clearance

- o A satisfactory criminal background check
- ✓ I am responsible for transportation, tolls, parking, and all related fees to and from the internship. I understand that the internship may be located up to a 1.5 hour, one-way commute from my place of residence.
- ✓ I must attend a mandatory WPUNJ internship orientation before I may begin my internship. Furthermore, I understand that my internship site may require me to attend a site-specific orientation before I may begin my internship.
- ✓ The internship is a non-repeatable course, and that if I receive a grade of less than C, I will be dismissed from the PBHL major.

3. As a Public Health Education major I understand that I must take the Certified Health Education Specialist (CHES) Exam and:

(This applies only to Public Health Education majors)

- ✓ I must register to take the April CHES exam administered in the semester of my internship.
- ✓ I must take the CHES exam as a requirement for passing PBHL 4973 and graduating from WPUNJ. I understand, however, that I do not need to pass the CHES exam in order to fulfill this course and graduation requirement.
- ✓ I am responsible for all related fees associated with the CHES exam, including the registration fee, transcript fees, and travel to and from the exam location.
- ✓ I must provide a signed release granting the WPUNJ Department of Public Health access to the results of my CHES exam. By signing this memorandum of understanding, I attest that I have read and understand each of the preceding statements and, as a condition of my tenure as Public Health major, agree to abide by each of these statements.

Signature:	Date:	Witness Initials:
9		

APPENDIX B: ACADEMIC PLAN FOR HEALTH STUDIES MAJORS

Health Studies majors may use this four-year worksheet to plan out their coursework.

FIRST YEAR					
Fall 20	Spring 20				
Semester Credits	Semester Credits				
	D YEAR				
Fall 20	Spring 20				
Summer 20	Semester Credits Winter 20				
THIRD	O YEAR				
Fall 20	Spring 20				
Semester Credits	Semester Credits				
Summer 20	Winter 20				
FOURTH YEAR					
Fall 20	Spring 20				
Semester Credits	Semester Credits				
Note: 120 total credits are needed for graduation. Student AND advisor should check total number of earned credits each semester and adjust above academic plan accordingly. Basic skills courses do NOT count toward credits for graduation.					

APPENDIX C: ACADEMIC PLAN FOR PUBLIC HEALTH – GENERAL TRACK MAJORS

Public Health – General Track majors may use this four-year worksheet to plan out their coursework.

FIRST YEAR					
Fall 20	Spring 20				
Semester Credits	Semester Credits				
	ND YEAR				
Fall 20	Spring 20				
Semester Credits	Semester Credits				
Summer 20	Winter 20				
TUID	D YEAR				
Fall 20	Spring 20				
PBHL 3040 – Health Research Methods I 3	PBHL 3042 – Health Research Methods II 3				
Semester Credits	Semester Credits				
Summer 20	Winter 20				
FOUR	THYPAR				
Fall 20	TH YEAR Spring 20				
PBHL 4301 – Public Health Practice 3	PBHL 4972 – Internship in PBHL - GEN 6				
PBHL 4962 – Introduction to Internship PBHL-GEN 1					
· · · · · · · · · · · · · · · · · · ·					
Semester Credits	Semester Credits				
Note: 120 total credits are needed for graduation. Student AND advisor should check total number of earned credits each					
semester and adjust above academic plan accordingly. Basic skills courses do NOT count toward credits for graduation.					

APPENDIX D: ACADEMIC PLAN FOR PUBLIC HEALTH – HEALTH EDUCATION TRACK MAJORS

Public Health – Health Education Track majors may use this four-year worksheet to plan out their coursework.

FIRST YEAR						
Fall 20	Spring 20					
Semester Credits	Semester Credits					
	ND YEAR					
Fall 20	Spring 20					
Compostor Credite	Compostor Condito					
Semester Credits	Semester Credits					
Summer 20	Winter 20					
THII	 RD YEAR					
Fall 20	Spring 20					
PBHL 3010 – Principles of Behavior Change 3	PBHL 3042 – Health Research Methods II 3					
PBHL 3040 – Health Research Methods I 3	PBHL 3610 – Health Communication Methods 3					
Semester Credits	Semester Credits					
Summer 20	Winter 20					
	RTH YEAR					
Fall 20	Spring 20					
PBHL 4610 – Program Planning 3	PBHL 4973 – Internship in PBHL – Health Education 12					
PBHL 4710 – Health Education Management 3						
PBHL 4963 – Introduction to Internship PBHL-HED 1						
	-					
Semester Credits	Semester Credits					
Note: 120 total credits are needed for graduation. Student AN						
semester and adjust above academic plan accordingly. Basic sk	ms courses do NOT court toward credits for graduation.					

Appendix E: Facts about Health Education Specialists

What is a Health Education Specialist?

Health education specialists work to promote healthy lifestyles and prevent and manage disease by empowering individuals to make informed decisions about their health and positively influencing the policies and conditions that affect people's health where they live, learn, work, and play.

Where Do Health Education Specialists Work?

According to the U.S. Department of Labor's Bureau of Health Statistics 2008 Census, there are more than 66,200 health educators (SOC Code 21-1091) working in the following settings:

- Hospitals, Clinics and Health Plans: To promote healthy lifestyles, help patients and families recover from illness and manage their condition, and provide training.
- Municipal/County/State Public Health Departments: To promote and protect the health of all populations living in their geographic area and achieve public health goals.
- Nonprofit/Voluntary Organizations: To provide education and services related to a particular disease or priority population.
- Business/Industry: To improve the health of employees. Chronic diseases and unhealthy behaviors affect the
 ability to work and increase employers' workers' compensation and health care costs, work-related injuries,
 absenteeism, as well as decreased productivity.
- Colleges & Universities: To assist students adopt healthful behaviors thereby improving academic performance.
 To provide specialized curricula for future health educators and to conduct research on effective programs,
 policies and interventions.

What Services Do Health Education Specialists Provide?

At the individual and population-based levels, health education specialists:

- Assess needs, assets and capacities for health education -Plan evidence-based effective health education programs
- Implement health education policies, projects and programs -Conduct evaluation and research related to health education
- Administer and manage health education -Serve as a health education resource person
- Communicate and advocate for health and health education

What is a Certified Health Education Specialist (CHES)?

The CHES designation signifies that an individual has met eligibility requirements for, and has successfully passed a competency-based examination demonstrating skill and knowledge of the Seven Areas of Responsibility of Health Educators, upon which the credential is based. Certification is provided by the National Commission for Health Education Credentialing.

Why Are Health Education Specialists Vital to the Nation?

- Health education improves the health status of individuals, communities, states, and the nation; enhances the quality of life for all people; and reduces costly premature deaths and disability.
- By focusing on prevention, health education reduces the costs (both financial and human) spent on medical treatment. Chronic conditions, such as diabetes, heart disease, and cancer, consume more than 75 percent of

- the \$2.2 trillion spent on health care in the United States each year the equivalent of about 2.5 economic "bailout" packages. Spending as little as \$10 per person on proven preventive interventions could save the country over \$16 billion in just five years.4
- Health education specialists offer knowledge, skills and training that compliment those of health providers, policy makers, educational experts, human resource personnel and many other professionals whose work impacts human health.
- Addressing a single risk factor (e.g., smoking) influences outcomes across multiple diseases, from preterm birth to lung disease and cancer. Addressing obesity in today's children alters the prevalence of many diseases (e.g. heart disease, cancer, diabetes, arthritis) that may be encountered decades later.

Sources:

- 1. Centers for Disease Control, National Center for Chronic Disease Prevention and Health Promotion. Student Health and Academic Achievement. Accessed on February 27, 2010 at http://www.cdc.gov/ HealthyYouth/health and academics/index.htm
- 2. National Association of Chronic Disease Directors (2009). School Resources, Worksite Resources and Community Resources. Accessed on February 17, 2009 at http://www.achievecommunities.org/ nacddresources.cfm.
- 3. Partnership to Fight Chronic Disease (2009). January 27, 2009 press release. Access on February 13, 2009 at http://www.fightchronicdisease.org/media/statements/pfcd/Stimuluspackage.cfm.
- 4. Trust for America's Health (2008). Prevention for a Healthier America: Investments in Disease Prevention Yield Significant Savings, Stronger Communities. June, TFAH.
- 5. California Department of Personnel Administration (2009). Worksite Resources. Accessed on February 19, 2009 at http://www.dpa.ca.gov/benefits/health/wellness/guide/guidetoc.htm.

Appendix F: Code of Ethics for the Health Education Profession

PREAMBLE

The Health Education profession is dedicated to excellence in the practice of promoting individual, family, organizational, and community health. Guided by common ideals, Health Educators are responsible for upholding the integrity and ethics of the profession as they face the daily challenges of making decisions. By acknowledging the value of diversity in society and embracing a cross-cultural approach, Health Educators support the worth, dignity, potential, and uniqueness of all people.

The Code of Ethics provides a framework of shared values within which Health Education is practiced. The Code of Ethics is grounded in fundamental ethical principles that underlie all health care services: respect for autonomy, promotion of social justice, active promotion of good, and avoidance of harm. The responsibility of each health educator is to aspire to the highest possible standards of conduct and to encourage the ethical behavior of all those with whom they work.

Regardless of job title, professional affiliation, work setting, or population served, Health Educators abide by these guidelines when making professional decisions.

Article I: Responsibility to the Public

A Health Educator's ultimate responsibility is to educate people for the purpose of promoting, maintaining, and improving individual, family, and community health. When a conflict of issues arises among individuals, groups, organizations, agencies, or institutions, health educators must consider all issues and give priority to those that promote wellness and quality of living through principles of self-determination and freedom of choice for the individual.

Section 1: Health Educators support the right of individuals to make informed decisions regarding health, as long as such decisions pose no threat to the health of others.

Section 2: Health Educators encourage actions and social policies that support and facilitate the best balance of benefits over harm for all affected parties.

Section 3: Health Educators accurately communicate the potential benefits and consequences of the services and programs with which they are associated.

Section 4: Health Educators accept the responsibility to act on issues that can adversely affect the health of individuals, families, and communities.

Section 5: Health Educators are truthful about their qualifications and the limitations of their expertise and provide services consistent with their competencies.

Section 6: Health Educators protect the privacy and dignity of individuals.

Section 7: Health Educators actively involve individuals, groups, and communities in the entire educational process so that all aspects of the process are clearly understood by those who may be affected.

Section 8: Health Educators respect and acknowledge the rights of others to hold diverse values, attitudes, and opinions.

Section 9: Health Educators provide services equitably to all people.

Article II: Responsibility to the Profession

Health Educators are responsible for their professional behavior, for the reputation of their profession, and for promoting ethical conduct among their colleagues.

Section 1: Health Educators maintain, improve, and expand their professional competence through continued study and education; membership, participation, and leadership in professional organizations; and involvement in issues related to the health of the public.

Section 2: Health Educators model and encourage nondiscriminatory standards of behavior in their interactions with others.

Section 3: Health Educators encourage and accept responsible critical discourse to protect and enhance the profession.

Section 4: Health Educators contribute to the development of the profession by sharing the processes and outcomes of their work.

Section 5: Health Educators are aware of possible professional conflicts of interest, exercise integrity in conflict situations, and do not manipulate or violate the rights of others.

Section 6: Health Educators give appropriate recognition to others for their professional contributions and achievements.

Article III: Responsibility to Employers

Health Educators recognize the boundaries of their professional competence and are accountable for their professional activities and actions.

Section 1: Health Educators accurately represent their qualifications and the qualifications of others whom they recommend.

Section 2: Health Educators use appropriate standards, theories, and guidelines as criteria when carrying out their professional responsibilities.

Section 3: Health Educators accurately represent potential service and program outcomes to employers.

Section 4: Health Educators anticipate and disclose competing commitments, conflicts of interest, and endorsement of products.

Section 5: Health Educators openly communicate to employers, expectations of job-related assignments that conflict with their professional ethics.

Section 6: Health Educators maintain competence in their areas of professional practice.

Article IV: Responsibility in the Delivery of Health Education

Health Educators promote integrity in the delivery of health education. They respect the rights, dignity, confidentiality, and worth of all people by adapting strategies and methods to meet the needs of diverse populations and communities.

Section 1: Health Educators are sensitive to social and cultural diversity and are in accord with the law, when planning and implementing programs.

Section 2: Health Educators are informed of the latest advances in theory, research, and practice, and use strategies and methods that are grounded in and contribute to development of professional standards, theories, guidelines, statistics, and experience.

Section 3: Health Educators are committed to rigorous evaluation of both program effectiveness and the methods used to achieve results.

Section 4: Health Educators empower individuals to adopt healthy lifestyles through informed choice rather than by coercion or intimidation.

Section 5: Health Educators communicate the potential outcomes of proposed services, strategies, and pending decisions to all individuals who will be affected.

Article V: Responsibility in Research and Evaluation

Health Educators contribute to the health of the population and to the profession through research and evaluation activities. When planning and conducting research or evaluation, health educators do so in accordance with federal and state laws and regulations, organizational and institutional policies, and professional standards.

Section 1: Health Educators support principles and practices of research and evaluation that do no harm to individuals, groups, society, or the environment.

Section 2: Health Educators ensure that participation in research is voluntary and is based upon the informed consent of the participants.

Section 3: Health Educators respect the privacy, rights, and dignity of research participants, and honor commitments made to those participants.

Section 4: Health Educators treat all information obtained from participants as confidential unless otherwise required by law.

Section 5: Health Educators take credit, including authorship, only for work they have actually performed and give credit to the contributions of others.

Section 6: Health Educators who serve as research or evaluation consultants discuss their results only with

those to whom they are providing service, unless maintaining such confidentiality would jeopardize the health or safety of others.

Section 7: Health Educators report the results of their research and evaluation objectively, accurately, and in a timely fashion.

Article VI: Responsibility in Professional Preparation

Those involved in the preparation and training of Health Educators have an obligation to accord learners the same respect and treatment given other groups by providing quality education that benefits the profession and the public.

Section 1: Health Educators select students for professional preparation programs based upon equal opportunity for all, and the individual=s academic performance, abilities, and potential contribution to the profession and the public's health.

Section 2: Health Educators strive to make the educational environment and culture conducive to the health of all involved, and free from sexual harassment and all forms of discrimination.

Section 3: Health Educators involved in professional preparation and professional development engage in careful preparation; present material that is accurate, up-to-date, and timely; provide reasonable and timely feedback; state clear and reasonable expectations; and conduct fair assessments and evaluations of learners.

Section 4: Health Educators provide objective and accurate counseling to learners about career opportunities, development, and advancement, and assist learners to secure professional employment.

Section 5: Health Educators provide adequate supervision and meaningful opportunities for the professional development of learners.

Appendix G: Core Areas of Public Health

The field of public health is highly varied and encompasses many academic disciplines. However, public health is mainly composed of the following core areas:

- 1. Behavioral Science/Health Education
- 2. Health Services Administration/Management/Policy
- 3. Environmental Health
- 4. Biostatistics / Public Health Research
- 5. Epidemiology

Additional specialization areas exists within the field of public health, including:

- Maternal and Child Health
- Nutrition
- International/Global Health
- Public Health Practice

The BS in Public Health at William Paterson University is based on the core areas of public health as outlined above. All Public Health majors are exposed to these core areas in their major core courses. Furthermore, many major elective courses allow students to explore additional specialized areas of public health.

> BEHAVIORAL SCIENCE / HEALTH EDUCATION

Stopping the spread of sexually transmitted diseases, such as herpes and HIV/AIDS; helping youth recognize the dangers of binge drinking; and promoting seatbelt use. Behavioral Science/Health Education focuses on ways that encourage people to make healthy choices. This includes the development of community-wide education programs that range from promoting healthy lifestyles in order to prevent disease and injury, to researching complex health issues.

Specialists encourage people to make healthy choices and develop educational programs that promote healthy lifestyles and prevent disease and injury. They also promote more efficient uses of health services, adopt self-care practices, and participate actively in the design and implementation of health programs. Some examples of concentrations include mental health, aging, health promotion and disease prevention, public health practice, health education and behavior change, disability and health, and social research.

HEALTH SERVICES ADMINISTRATION/MANAGEMENT/POLICY

Managing the database at a school clinic; developing budgets for a health department; creating polices for health insurance companies; and directing hospital services all depend on health administrators. The field of health services administration combines politics, business, and science in managing the human and fiscal resources needed to deliver effective public health services. Specialization can be in planning, organization, policy formulation and analysis, finance, economics, or marketing.

Analyzing the impact of seat belt laws on traffic deaths; monitoring legislative activity on a bill that limits malpractice settlements; advocating for funding for a teen anti-smoking campaign. Professionals in public health policy work to improve the public's health through legislative action at the local, state, and federal levels.

ENVIRONMENTAL HEALTH

The air we breathe; the water we drink; the complex interactions between human genetics and our surroundings. How do the built and natural environments influence our health and how can we reduce risk factors? These environmental risk factors can cause diseases such as asthma, cancer, and food poisoning. Specialists from chemistry, toxicology, engineering, and other disciplines combine their expertise to answer these important questions. Environmental health studies the impact of our surroundings on our health.

Because environmental health is so broad in scope, it is often broken down in academic and professional settings in areas of contact and medians. These areas are:

- air quality
- food protection
- radiation protection
- solid waste management
- hazardous waste management
- water quality

- noise control
- environmental control of recreational areas
- housing quality
- vector control

➤ BIOSTATISTICS / PUBLIC HEALTH RESEARCH

Estimating the number of deaths from gun violence or looking at trends in drunk driving injuries by using math and science is the study of biostatistics. Using biostatistics, one can identify health trends that lead to life-saving measures through the application of statistical procedures, techniques, and methodology. Forecasting scenarios, identifying health trends within the community, explaining biological phenomena, as well as determining the causes of disease and injury, biostatistics are an integral part of public health. Biostatistics are often utilized in tandem with epidemiology.

> EPIDEMIOLOGY

When food poisoning or an influenza outbreak attacks a community, the "disease detectives" or epidemiologists are asked to investigate the cause of disease and control its spread. Epidemiologists do fieldwork to determine what causes disease or injury, what the risks are, who is at risk, and how to prevent further incidences. They spot and understand the demographic and social trends that influence disease and injury and evaluate new treatments. The initial discovery and containment of an outbreak, such as West Nile virus, often comes from epidemiologists. Some of the most important health-related discoveries in history are associated with epidemiology including the landmark 1964 Surgeon General's report on smoking tobacco stating its harmful effects. Biostatistics are often used in tandem with epidemiology.

MATERNAL AND CHILD HEALTH

Providing information and access to birth control; promoting the health of a pregnant woman and an unborn child; and dispensing vaccinations to children are part of maternal and child health. Professionals in maternal and child health improve the public health delivery systems specifically for women, children, and their families through advocacy, education, and research.

PUBLIC HEALTH NUTRITION

Promoting healthy eating and regular exercise; researching the effect of diet on the elderly; teaching the dangers of overeating and over-dieting are the responsibility of public health nutritionists. In short supply in both public and private sectors, this field examines how food and nutrients affect the wellness and lifestyle of population. Nutrition encompasses the combination of education and science to promote health and disease prevention.

> INTERNATIONAL / GLOBAL HEALTH

Addressing health concerns from a global perspective and encompassing all areas of public health (e.g., biostatistics, epidemiology, nutrition, maternal and child health, etc.). International health professionals address health concerns among different cultures in countries worldwide.

Globalization has linked our health more closely to one another than ever before. The rapid movement of people and food across borders means that a disease can travel from a remote village to an urban hub at breakneck speed. Global public health meets the rising health challenges that transcend national boundaries. This international field encompasses virtually all specializations in public health.

PUBLIC HEALTH PRACTICE

Public health is an interdisciplinary field and professionals in many disciplines such as nursing, medicine, veterinary medicine, dentistry, and pharmacy routinely deal with public health issues. A degree in public health practice enables clinicians to apply public health principles to improve their practice.

Source: http://www.whatispublichealth.org/about/index.html

Appendix H: Requirements for the Registered Environmental Health Specialist Course

Registered Environmental Health Specialist Cook College, Rutgers University Office of Professional and Continuing Education

http://www.cpe.rutgers.edu/eph/environment-and-public-health.html

What does a Registered Environmental Health Specialist do?

Registered Environmental Health Specialists work as health inspectors, environmental compliance managers & environmental consultants in the public and private sectors. They work around the state, country & world:

- Developing bioterrorism preparedness plans
- Scouting for early signs of disease outbreaks and food poisoning
- Detection and monitoring of the West Nile virus
- Computerized mapping of rabies and Lyme disease outbreaks
- Troubleshooting environmental problems associated with famine in Africa
- Investigating environmental carcinogens for The World Health Organization
- Investigating "Cancer Clusters" in New Jersey
- Organizing and leading regional watershed planning efforts

Becoming a Registered Environmental Health Specialist

- ✓ The Environment & Public Health (EPH) Program at Rutgers Cook College is a 7-week course followed by a 5-week field training internship that provides expertise, experience leading to the Registered Environmental Health Specialist (REHS) credential.
- ✓ Graduates of the EPH program are eligible to take the New Jersey licensing exam to become a Registered Environmental Health Specialist (REHS).

The Environment and Public Health Program

The EPH course includes nine separate modules covering a wide range of topics in environmental health and management including:

- 1. Emerging Issues in Public Health updates from the cutting edge of public health in topics ranging from bioterrorism to West Nile virus to risk communication
- 2. Public Health Sanitation food safety and inspection techniques, new topics on food security, and a wide variety of other public health topics
- 3. Epidemiology , Communicable Diseases and Outbreak Investigations this is a core skill in the war on bioterrorism
- 4. Public Health Microbiology microbes and the symptoms, transmission and prevention of diseases they cause
- 5. Water and Wastewater stream pollution investigation and water treatment systems Environmental and Public Health Law - case preparation and court trial simulation
- 6. Public Health Administration management and structure of health departments
- 7. Soils, Septics and the Environment soil logs and septic system design
- 8. Environmental Pollution hazardous materials and pollution control strategies for air and water

Please note: This licensing opportunity is not offered at William Paterson University, however WPUNJ does offer all of the pre-requisite coursework for program eligibility.

Rutgers REHS Career Preparation Summer Course

Requirements for Acceptance, to be completed at WPUNJ (32 credit science requirement)

Major Pre-Requisites					
BIO 1140	Applied Anatomy and Physiology	4 credits			
MATH 1300	Elementary Statistics	3 credits			
Major Core Courses					
PBHL 3000	Introduction to Public Health	3 credits			
PBHL 3042	Health Research Methods II	3 credits			
PBHL 3400	Environmental Health	3 credits			
PBHL 4000	Epidemiology	3 credits			
Major Elective					
PBHL 2210	Nutrition	3 credits			
PBHL 3750	Human Disease	3 credits			
Additional Science Courses (take two of these four courses)					
BIO 1300	Field Biology	4 credits			
BIO 1700	Microbiology	4 credits			
CHEM 1310	Chemistry (with lab)	4 credits			
ENV 1100	Environmental Sustainability	4 credits			
	TOTAL	33 Credits			

- ✓ A grade of C or better must be earned in each course.
- ✓ These requirements are subject to change at the discretion of the Rutgers University Office of Continuing and Professional Education.
- ✓ In order to sit for the REHS Licensing Exam you must have your Bachelor's Degree and successfully complete the EPH program, or complete equivalent courses at the college level.

Appendix I: Professional Associations in Public Health

The following are some organizations that offer professional development, networking, and a professional home for students and professionals in the field of public health. Undergraduate students are strongly encouraged to join the state chapters of these professional associations (NJPHA and NJSOPHE) in order to jumpstart their careers:

- AAHPERD American Alliance for Health Physical Education, Recreation, and Dance
- ACHA American College Health Association
- APHA American Public Health Association
- NCHEC National Commission for Health Education Credentialing, Inc.
- NJPHA New Jersey Public Health Association
- NJSOPHE New Jersey Society for Public Health Education
- SOPHE Society for Public Health Education

Appendix J: Tips for Academic Success

Prepare for Success!

- ✓ You are here because you have the ability to successfully complete your major of choice
- ✓ Learning takes time and effort
 - Average time spent preparing for class was 16 hours per week for undergraduate health professions students in 2013*
- ✓ Recommendation: for each credit hour in class, spend at least 2 hours studying (6 hours per 3 credit course per week)
 - 4 courses=24 hours of studying per week

Study Tips

- ✓ Don't wait for exam time to study schedule time into each day for studying
- ✓ Make note cards for new terminology and concepts
- ✓ Take good notes on the text and in class
- ✓ Re-write your notes multiple times
- ✓ Form study groups and try to explain terminology or concepts to one another
- ✓ Develop your writing and communication skills

Writing is Key!

- ✓ Use the Writing Center
- ✓ View writing as a skill that can be improved with practice
- ✓ Use campus resources
 - Academic Success Center
 - Science Enrichment Center
 - Library
 - Your professor

Become an ENGAGED Student

- ✓ Introduce yourself and communicate with your professor
- ✓ Participate in all department and class activities
- ✓ Get involved (e.g. public health club, campus activities, and/or in your community)
- ✓ Develop your knowledge of public health through reading for class and outside of class (e.g. New York Times Science Times, public health list serves, books and articles)

^{*}Source: National Survey of Student Engagement. (2013). A Fresh Look at Student Engagement—Annual Results 2013. Bloomington, IN: Indiana University Center for Postsecondary Research

Appendix K: Outstanding Academic Achievement and Service Award Recipients

2001 Community Health Academic AwardDebra Signer

2002 Community Health Academic Award Mary Nora Caldo

2003 Community Health Academic Award
Nancy Begin

2004 Community Health Academic Award
Barbara Lyons

2005 Community Health Academic Award Emily Chakua

2006 Community Health Academic Award Heather Roman

2007 Community Health Academic Award
Megan Helmstetter
Rose Lynn Daniels Service Award
Jessica Shields

2008 Community Health Academic Award Martha Baldwin

Rose Lynn Daniels Service Award Shardaè Morris

2009 Public Health Academic Award
Jisun Ham
Rose Lynn Daniels Service Award

Giselle Alfaro

2010 Public Health Academic Award
Betsy Ducos
Aura Terosa
Rose Lynn Daniels Service Award
Ryan Mion

2011 Public Health Academic Award
Fausto Garcia, Jr.
Rose Lynn Daniels Service Award
Erin Brady

2012 Public Health Academic Award

Rodney Hammond Mary Dalton Valerie Slawinski

2013 Public Health Academic Award

Alexis Guinta (Applied Health Major)
Nichole Alexis Kershaw (Public Health Major)

2014 Public Health Academic Award

Christine Huang (Applied Health Major)
Kaitlyn D Wagner (Public Health Major)
Sandra Kozlowsky (Public Health Education Major)

2015 Public Health Academic Award

Deborah Handler (Applied Health Major)
Jennifer Desai (Public Health Major)
Lindsay Prewitt (Public Health Education Major)
Rose Lynn Daniels Service Award
Sarah Ray

2016 Public Health Academic Award

Elise Palazzi Guinta (Applied Health Major)

Valerie Ann Cadorett (Public Health Major)

Stephanie Longley (Public Health Education Major)

2017 Public Health Academic Award

Apryl Nixon (Applied Health Major)
Yesenia Montalvo (Public Health Major)
Janielle Hall (Public Health Education Major)

2018 Public Health Academic Award

Razimham Laypan (Public Health Major) Vanessa Owusu (Public Health Education Major)

Appendix L: Inductees to Eta Sigma Gamma – Gamma Omega Chapter



1997

Christine Benebe Linda Blackwell Maria Cristina Caccamo Debbie Condon Kara Cureski Jennifer Finn Tracy Force **Christa Harding** Daphne Joslin Stacey LePore Jean Levitan Stuart Lisbe Kelli Mathes Priti Mistry **Kelly Moncrief** Melina Nigito Darlene Ojeda-Rivas Janet Perillo Domenica Savoia Barbara Skrzat Lois Suber Scian Janis Van Loon **Erica Woods**

2000

Tanisha Anderson Julia Bryan Summer Conaway
Jennifer deLyon
Charlene Gungil
Romanita Rivera
Amy Schramm
Frederik Schulze
Sherrine Simes
Debra Singer
Bridget Thomas-Smith
Kimberley Veenstra
Tammy Workley

2007

Kristina Bonanni Stephanie L. George Megan Helmstetter Sabrina Moon Mark Mora Jessica Shields Michell Wilson

2008

Martha Baldwin Elen Maletich Shardae Morris Michelle Netusil Kim Orlando Jane Tsilova

2009

Giselle Alfaro

Charleen Demartini Jisun Ham Maya Rabinovich Lynn Skinner

2010

Jonathan Henderson Jessica McManus Aura Terosa

2011

Vanya Arista Erin Brady Fausto Garcia Natalie Martinez

2012

Mary Kathryn Dalton Marissa Gjini Rodney Hammond Kristin Kordosky Lauren Ramos Valerie Slawinski

2013

Jane Gardner Caitlin Freaney

2014

Jordana Wishnoff Sandra Kozlowsky

2015

Lindsey Prewitt

2016

Erica Alvarado
Jessica Daniels
Sandra Leonard
Stephanie Longley
Susan McCarthy
Jillian Travilla
Meredith Vita

2017

Ashley Clark
Junibel Garcia
Luisa Garcia
Janielle Hall
Brittany OpokuAsamoah
Carlo Ponsica
Alexandra Ptak

2018

Alyson Bilder
Brianna Boyd
Jessie Cussac
Sharon Guerrero
Ashley Lucyk
Jasmin Mahmood
Makeda Marshall
Vanessa Owusu
Raphael Pareja
Neledith Rodriguez

Appendix M: Inductees to the Public Health Honor Roll

2015

Sashell Barrett

Betsy Cabrera

Sandra Carnegie

Kathleen Charles

Mariangelys Cruz

Jennifer Desai

Zeeshan Farooqi

Morgan Glinka

Dania Jean-Charles

Jaclyn Keelin

Zerlina MacDonald

Jillian Mohn

Leah Odame-Bamfo

Courtney Payoczkowski

Megan Payton

Danica Pedoto

Lindsay Prewitt

Rachel Reeves

Ramone Richardson

Alexandra Samoilis

Michael Spillane

Stephanie Trusty

Kobir Uddin

Margaret Yu

2016

Itaf Ali

Eric Ascencio

Valerie Cadorett

Jessica Carreira

Silvia Cuesta

Ayobami Fajuyi

Jessica Freer

Syeda Islam

Andrea LaCorte

Leanne Marinuk

Kellie Markert

Amairany Martinez

Anthony Menafro

Kathyrn Mundhenk

Ryan Russo

Sabrina Schimmenti

Judeda Uddin

Mariana Vasiljevic

2017

Sarah Abara

Elijah Bueno

Daphne Carbone

Amanda Dougan

Maureen Gill

Uchechukwu Igwe

Phillip Lagattuta

Fengai Mbayo

Yesenia Montalvo

Doha Moussa

Jenna O'Conner

Alexandra Ovits

Amanda Silvestri

Mara Tepper

Daniel Vasquez

Taylor Weber

2018

Rehana Baksh

Casey Brady

Liliana Castro

Anabel Delgado

Arlette Esse Ya

Karinna Gonzalez

Sumayya Hasan

Raquel Jean-Baptiste

Alexander Lasaracina

Razimhan Laypan

Marcos Lopez

Jonas Pierre

Yalasia Ponce

Ana Tobon

Narlyn Torres

Appendix N: Faculty and Staff Contact Information

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Dr. Alex Kecojevic	973-720-3496	kecojevica@wpunj.edu	UNIVH 369
Dr. William Kernan (chair)	973-720-3479	kernanw@wpunj.edu	UNIVH 373
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Dr. Naa-Solo Tettey	973-720-2604	tetteyn@wpunj.edu	UNIVH 371
Staff	Phone	Email	Office
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